

## OTN-150/-600 FOR MAINTENANCE ENGINEERS

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### Course description

- **Target Audience**

OTN Maintenance Engineers who are mainly performing hardware module installations and replacements. The course will be tailored to the customer's installed base (OTN-150/-600 & specific interface cards).

- **Course Prerequisites**

Basic knowledge of telecommunications and electronics.

- **Course Objectives**

After the training, the students should be able to:

- install and replace the HW components of an OTN network
- start the OMS monitor function to indicate hardware-related alarms and to describe the necessary corrective actions.

- **Exercises**

Hands-on exercises are included.

- **Duration**

2 days

### Contents

- **Introduction into OTN**

We will start by explaining the key features, terminology and basic technical principles of the OTN product.

- **OTN – Installation**

In this part of the course we will explain how to set up a basic OTN network. We will learn how to install nodes and system cards and how the nodes are connected via optical fiber.

- **OMS**

The students will use the OTN Management System to analyze the general status of the network and to find the data for eventual corrective actions.

- **OTN – Applications**

We will discuss the applications that are supported by OTN. For each of the applicable interface cards, the alarm indications will be discussed. The students will install/replace the interface cards and (re)connect the peripheral equipment.